LISTING OF CLAIMS:

The following listing of claims replaces all previous versions and listings of claims in the present application.

Please cancel claims 1-16, and 20 without prejudice or disclaimer.

1. - 16. (Canceled)

17. (Currently amended) An electric power steering device ~~as set forth in claim 15~~,comprising:

an electric motor which is driven by supply of current;

a controller including a substrate on which drive devices working to drive said electric motor are connected electrically, the drive devices including a first drive device connected electrically between a power supply and said electric motor and a second drive device connected electrically between said electric motor and ground;

power supply terminal joints which are provided on the substrate of said controller for receiving the current to be supplied to said electric motor, said power supply terminal joints including a first input terminal leading electrically to a power supply and a second input terminal connected electrically to ground; and

motor terminal joints which are provided on the substrate of said controller, said motor terminal joints including a first output terminal leading to the first input terminal and a second output terminal leading to the second input terminal for outputting the current to said electric motor,

wherein said first and second drive devices are mounted between said power supply terminal joints and said motor terminal joints, wherein said drive devices work to control a duty

cycle of the current supplied to said electric motor, said drive devices including first switching transistors connected electrically to the power supply and second switching transistors connected electrically to ground, and wherein joints of the first and second switching transistors to the control substrate of said controller are all disposed between said power supply terminal joints and said motor terminal joints.

18. (Currently amended) An electric power steering device ~~as set forth in claim 15~~comprising:

an electric motor which is driven by supply of current;

a controller including a substrate on which drive devices working to drive said electric motor are connected electrically, the drive devices including a first drive device connected electrically between a power supply and said electric motor and a second drive device connected electrically between said electric motor and ground;

power supply terminal joints which are provided on the substrate of said controller for receiving the current to be supplied to said electric motor, said power supply terminal joints including a first input terminal leading electrically to a power supply and a second input terminal connected electrically to ground; and

motor terminal joints which are provided on the substrate of said controller, said motor terminal joints including a first output terminal leading to the first input terminal and a second output terminal leading to the second input terminal for outputting the current to said electric motor,

wherein said first and second drive devices are mounted between said power supply terminal joints and said motor terminal joints, wherein said first input terminal is installed close to said second input terminal, and said second output terminal is installed close to said second output terminal, wherein the substrate of said controller has formed thereon a printed circuit which includes a first conductor coupled directly to said first input terminal, a second conductor coupled directly to said second input terminal, a third conductor coupled directly to said first output terminal, and a fourth conductor coupled directly to said second output terminal, and wherein an interval between said power supply terminal joints and said motor terminal joints lies within a range defined by a first straight line extending through outer edges of said first and third conductors and a second straight line extending through outer edges of said second and fourth conductors.

19. (Currently amended) An electric power steering device ~~as set forth in claim 17, further~~ comprising:

an electric motor which is driven by supply of current;

a controller including a substrate on which drive devices working to drive said electric motor are connected electrically, the drive devices including a first drive device connected electrically between a power supply and said electric motor and a second drive device connected electrically between said electric motor and ground;

power supply terminal joints which are provided on the substrate of said controller for receiving the current to be supplied to said electric motor, said power supply terminal joints including a first input terminal leading electrically to a power supply and a second input terminal connected electrically to ground;

motor terminal joints which are provided on the substrate of said controller, said motor terminal joints including a first output terminal leading to the first input terminal and a second output terminal leading to the second input terminal for outputting the current to said electric motor; and

a support member which is opposed to the control substrate of said controller and has the switching transistors mounted thereon,

wherein said first and second drive devices are mounted between said power supply terminal joints and said motor terminal joints.

20. (Canceled)

21. (New) An electric power steering device as set forth in claim 17, wherein said power supply terminal joints are provided on a first end portion of the substrate of said controller, while said motor terminal joints are provided on a second end portion of the substrate opposite the first end portion.

22. (New) An electric power steering device as set forth in claim 17, wherein said electric motor works to produce torque assisting in turning a steering shaft of an automotive vehicle, wherein said controller includes a control device working to control the current flowing through said electric motor, wherein said first and second drive devices, said power supply terminal joints, and said motor terminal joints are disposed on a first side portion of the substrate of said controller, and said control device is installed on a second side portion of the substrate, and

wherein the substrate of said controller has a hole formed in the second side portion through which the steering shaft passes which connects with a steering wheel.

23. (New) An electric power steering device as set forth in claim 18, wherein said power supply terminal joints are provided on a first end portion of the substrate of said controller, while said motor terminal joints are provided on a second end portion of the substrate opposite the first end portion.

24. (New) An electric power steering device as set forth in claim 18, wherein said electric motor works to produce torque assisting in turning a steering shaft of an automotive vehicle, wherein said controller includes a control device working to control the current flowing through said electric motor, wherein said first and second drive devices, said power supply terminal joints, and said motor terminal joints are disposed on a first side portion of the substrate of said controller, and said control device is installed on a second side portion of the substrate, and wherein the substrate of said controller has a hole formed in the second side portion through which the steering shaft passes which connects with a steering wheel.

25. (New) An electric power steering device as set forth in claim 19, wherein said power supply terminal joints are provided on a first end portion of the substrate of said controller, while said motor terminal joints are provided on a second end portion of the substrate opposite the first end portion.

26. (New) An electric power steering device as set forth in claim 19, wherein said electric motor works to produce torque assisting in turning a steering shaft of an automotive vehicle, wherein said controller includes a control device working to control the current flowing through said electric motor, wherein said first and second drive devices, said power supply terminal joints, and said motor terminal joints are disposed on a first side portion of the substrate of said controller, and said control device is installed on a second side portion of the substrate, and wherein the substrate of said controller has a hole formed in the second side portion through which the steering shaft passes which connects with a steering wheel.